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U.S. Army Influenza Activity Report

Week Ending 7 November 2015 (Week 44)

2015-2016 Seasonal Influenza Vaccination Coverage

As of 12 November 2015

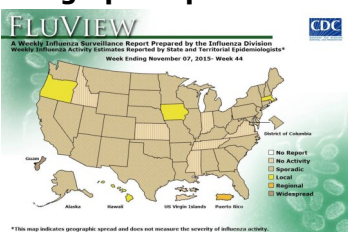
65%	DOD*
70%	Army Active Duty
65%	Army Guard
54%	Army Reserve

*Data as of 13 November 2015

SYNOPSIS: There was a slight increase in lab specimens that tested positive for influenza A specimens (0.6% versus 0.4% in week 43). Influenza vaccination coverage has also increased across Army service components since week 43.

- ILI Activity:** Army incident ILI outpatient visits in week 44 were 9% higher than the same week last year.
- Influenza cases:** No hospitalized influenza cases were reported to APHC(P) through DRSi in week 44. Two cases have been reported to date this influenza season.
- Viral specimens:** During week 44, 75 of 754 (10%) laboratory specimens tested positive for respiratory pathogens. RHC-A reported the most influenza A-positive specimens (75%), followed by RHC-C (25%). The other regions did not report any positive influenza A specimens.

Geographic Spread

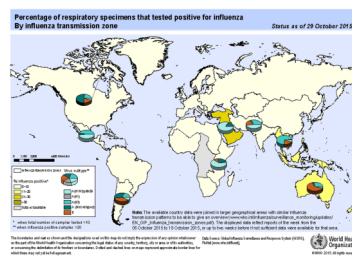


United States

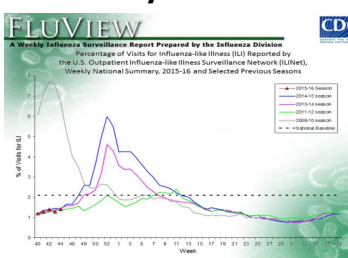
- In week 44, regional influenza activity was reported in Puerto Rico and widespread influenza activity was reported by Guam. 4 states reported local influenza activity, while 39 states and the District of Columbia reported sporadic activity. No influenza activity was reported by the US Virgin Islands and seven states.

World Health Organization

- Globally, influenza activity decreased or remained low in both hemispheres with few countries reporting elevated respiratory illness levels.

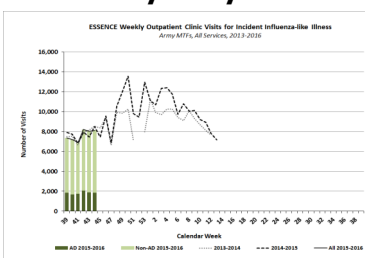


ILI Activity United States



- Nationwide during week 44, 1.4% of outpatient visits reported in ILINet were due to ILI, which is below the national baseline of 2.1%.
- The percentage of ILI outpatient visits ranged from 0.5% to 3.1% across the regions reporting.

ILI Activity Army



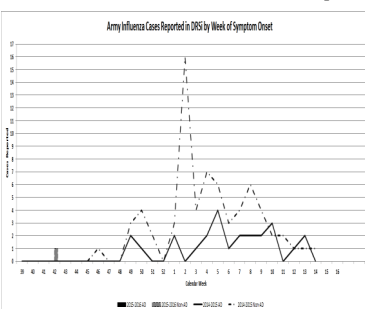
- During week 44, incident ILI activity was 9% higher than the same time last year and 1% lower than week 44 in 2013-2014.
- AD SMs accounted for 23% of incident ILI clinic visits during week 44; in 2014-2015, AD SMs comprised 24% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2015-16					
Test Result	Week 41	Week 42	Week 43	Week 44	Season Total
Influenza A	7	7	2	4	27
Influenza B	4	2	4	4	16
Adenovirus	5	4	3	9	29
Enterovirus	0	0	1	0	4
Parainfluenza	12	14	16	22	90
RSV	19	29	42	36	185
Negative	452	554	540	679	2965
Total Results	499	610	608	754	3316

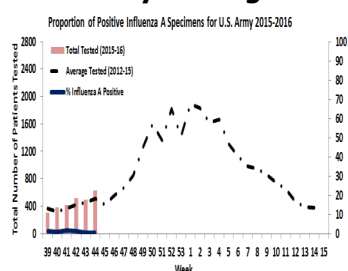
- In week 44, 10% (75) of specimens tested positive.
- Influenza A accounted for 5% of positive specimens.
- RSV accounted for 48% of positive specimens, parainfluenza for 29%, and adenovirus for 12%.
- Influenza B accounted for 5% of positive specimens.

DRSi Influenza Case Reporting



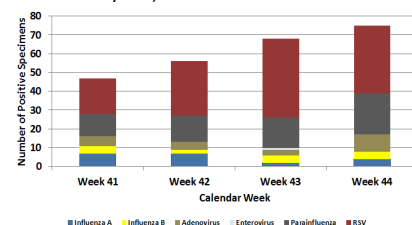
- In week 44, no cases of influenza-associated hospitalization were reported in DRSi.
- At the same time last influenza season, no hospitalized influenza cases were reported. A total of 2 hospitalized cases have been reported to date this season.

Laboratory Testing for Influenza A



- In week 44, 4 of 628 (0.6%) specimens tested positive for influenza A. This was a slight increase from week 43 (0.4%). 3 (75%) of the positive influenza A specimens were in non-active duty personnel.
- RHC-A reported 3 (75%) of the total influenza A-positive specimens. RHC-C reported 1 (25%) positive specimen. No other region (RHC-E, RHC-P, WRMC, and CENTCOM) reported any positive specimens.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2015-2016 Influenza Season



Additional Resources: [Army Influenza Reports](#); [ARD Reports](#); [AFHSC Influenza Reports](#); [NHRC FRI Reports](#); [DoD Global Influenza Surveillance Program](#); [DoD Pandemic Influenza Watchboard](#); [CDC](#); [WHO](#)
Key: ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; NHRC- Naval Health Research Center; ADV- Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

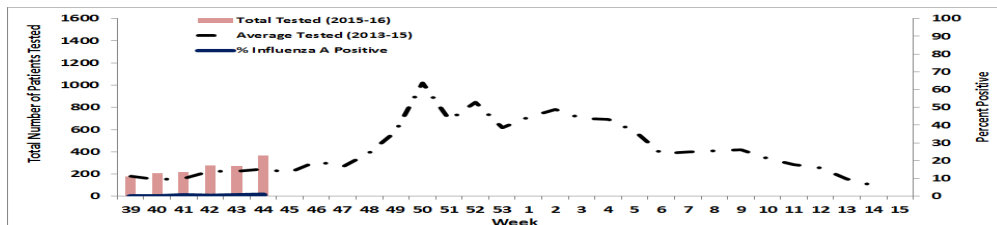
Questions?

Email APHC-DEP
410-417-3774

U.S. Army Influenza Activity Report

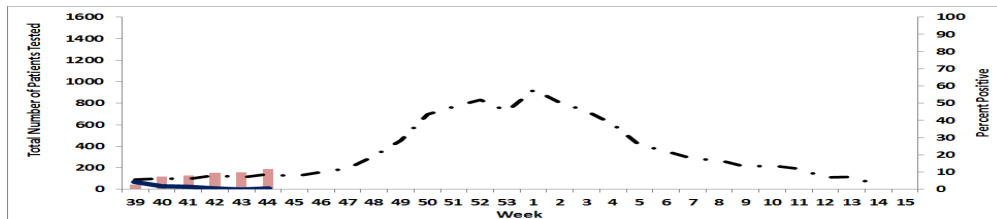
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2014-2015

Regional Health Command - Atlantic (RHC-A)



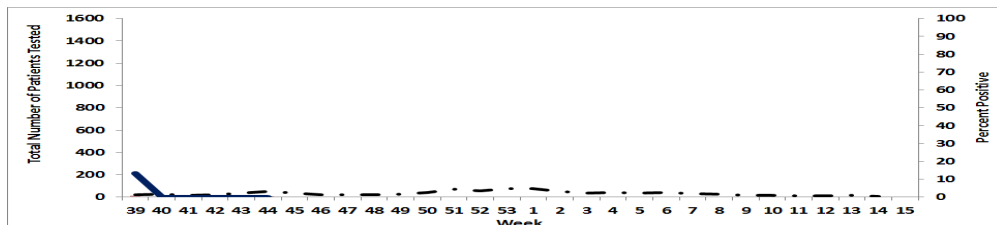
Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	5
18-29	0	0	0
30-39	0	0	0
40-49	0	0	1
50-59	0	0	0
60+	0	0	1
Total	0	3	7

Regional Health Command - Central (RHC-C)



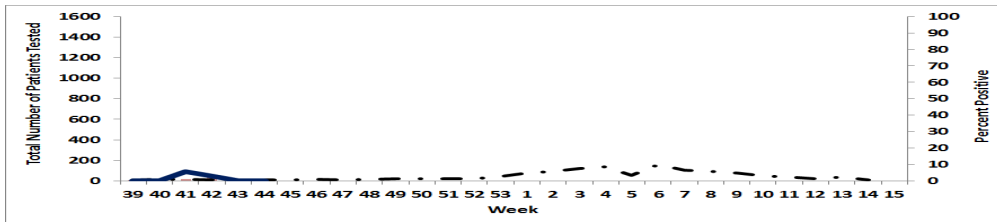
Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	3
18-29	0	0	3
30-39	1	0	1
40-49	0	0	1
50-59	0	0	0
60+	0	0	0
Total	1	0	8

Western Regional Medical Command (WRMC)



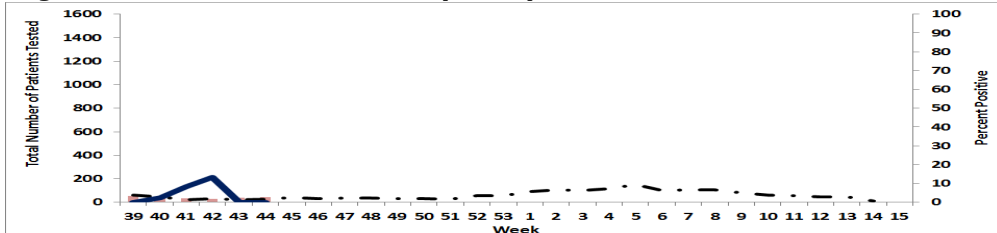
Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	0	2

Regional Health Command - Europe (RHC-E)



Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	2
18-29	0	0	0
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	0	2

Regional Health Command - Pacific (RHC-P)



Week 44			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	5
18-29	0	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	1
60+	0	0	0
Total	0	0	8

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 39		Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	0	0	0	0	0	1	0	1	0	2	0	3				
RHC-C	2	0	1	1	0	2	0	1	0	0	1	0				
WRMC	0	2	0	0	0	0	0	0	0	0	0	0				
RHC-E	0	0	0	0	0	1	0	1	0	0	0	0				
RHC-P	0	0	0	1	0	3	1	3	0	0	0	0				
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0				

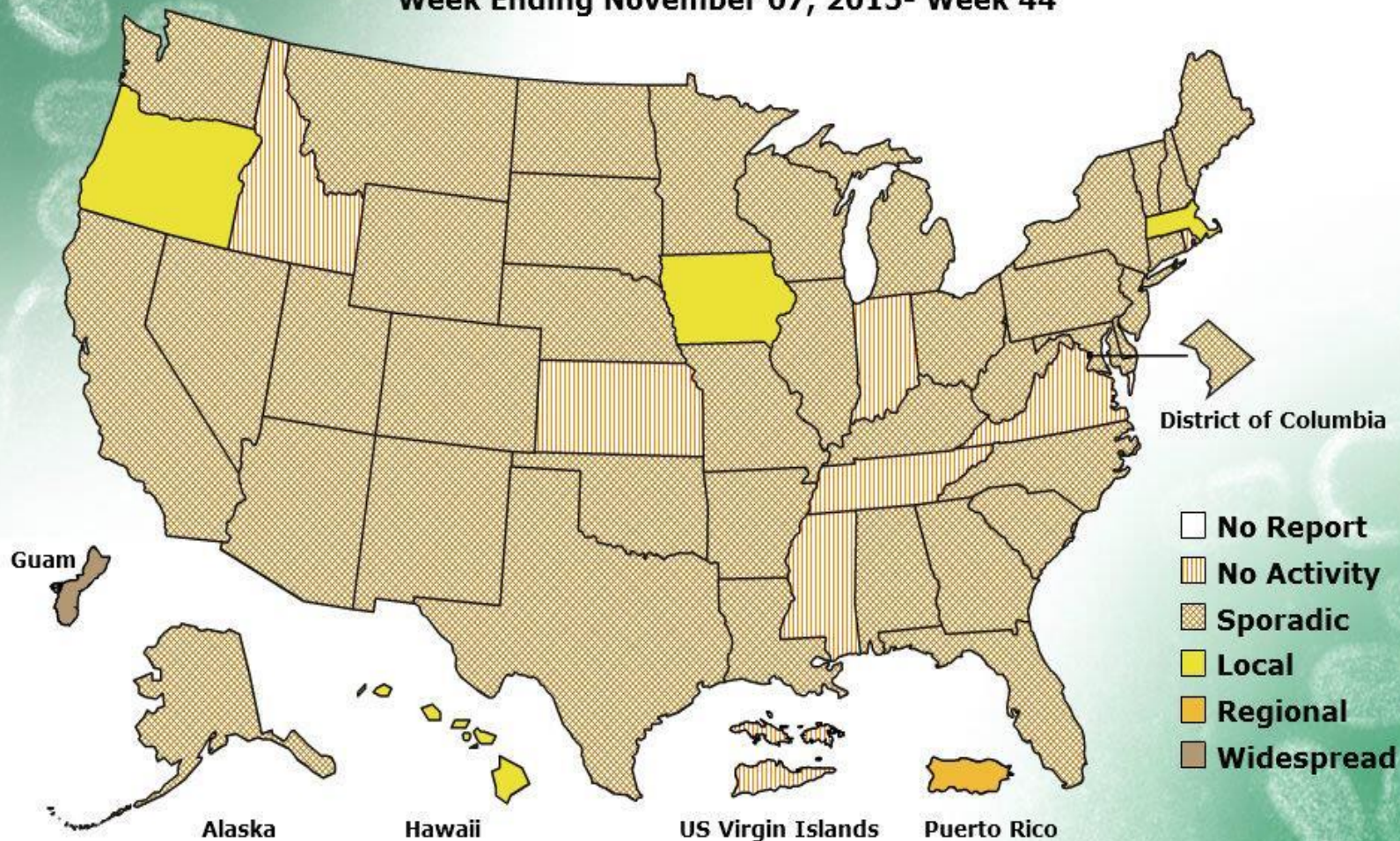
Locations providing week 44 laboratory data as of 12 November 2015: Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Landstuhl, Redstone Arsenal, Tripler, West Point, and Walter Reed.

FLUVIEW



A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

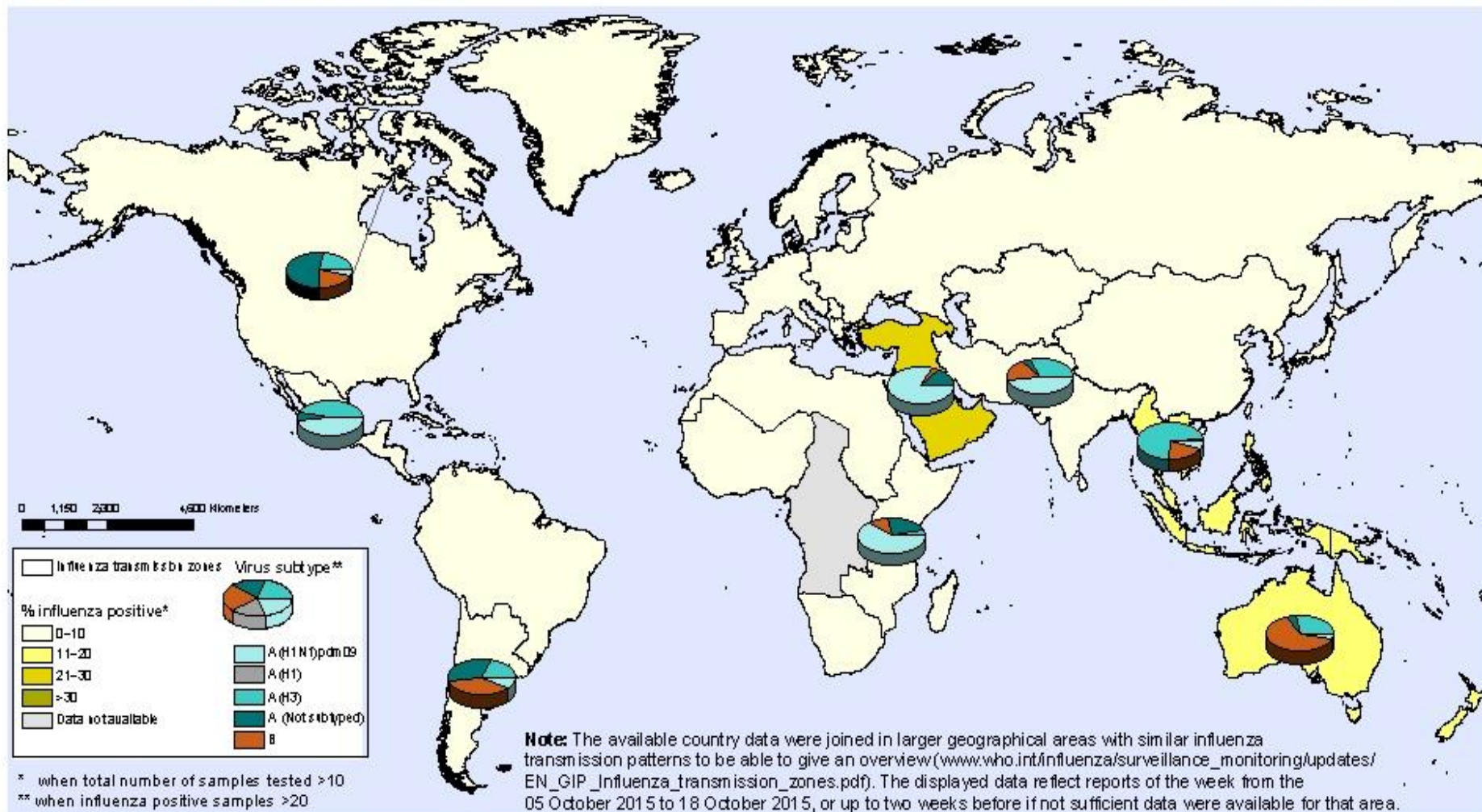
Week Ending November 07, 2015- Week 44



***This map indicates geographic spread and does not measure the severity of influenza activity.**

Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of 29 October 2015



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: Global Influenza Surveillance and Response System (GISRS), FluNet (www.who.int/fluinet).



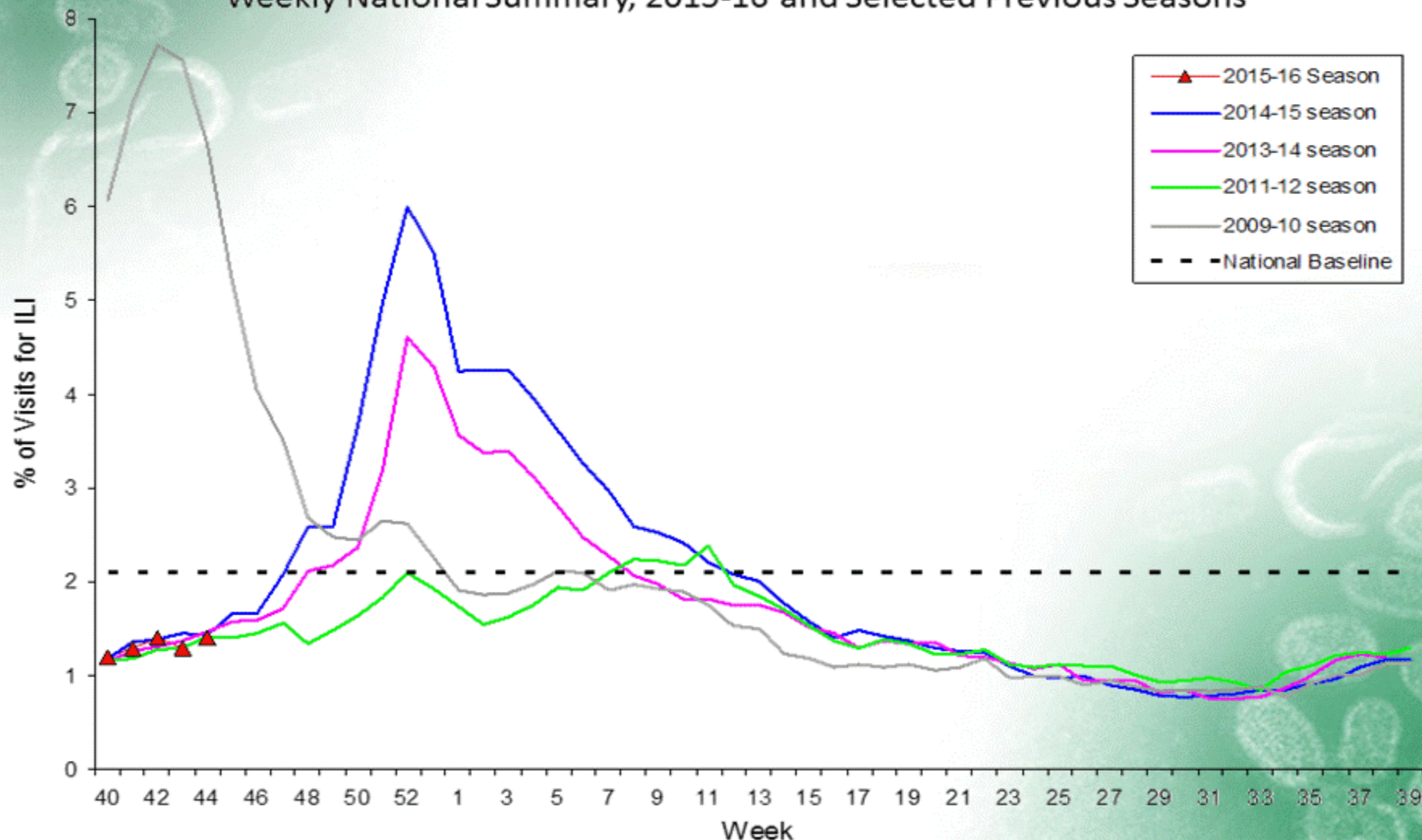
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FLUVIEW



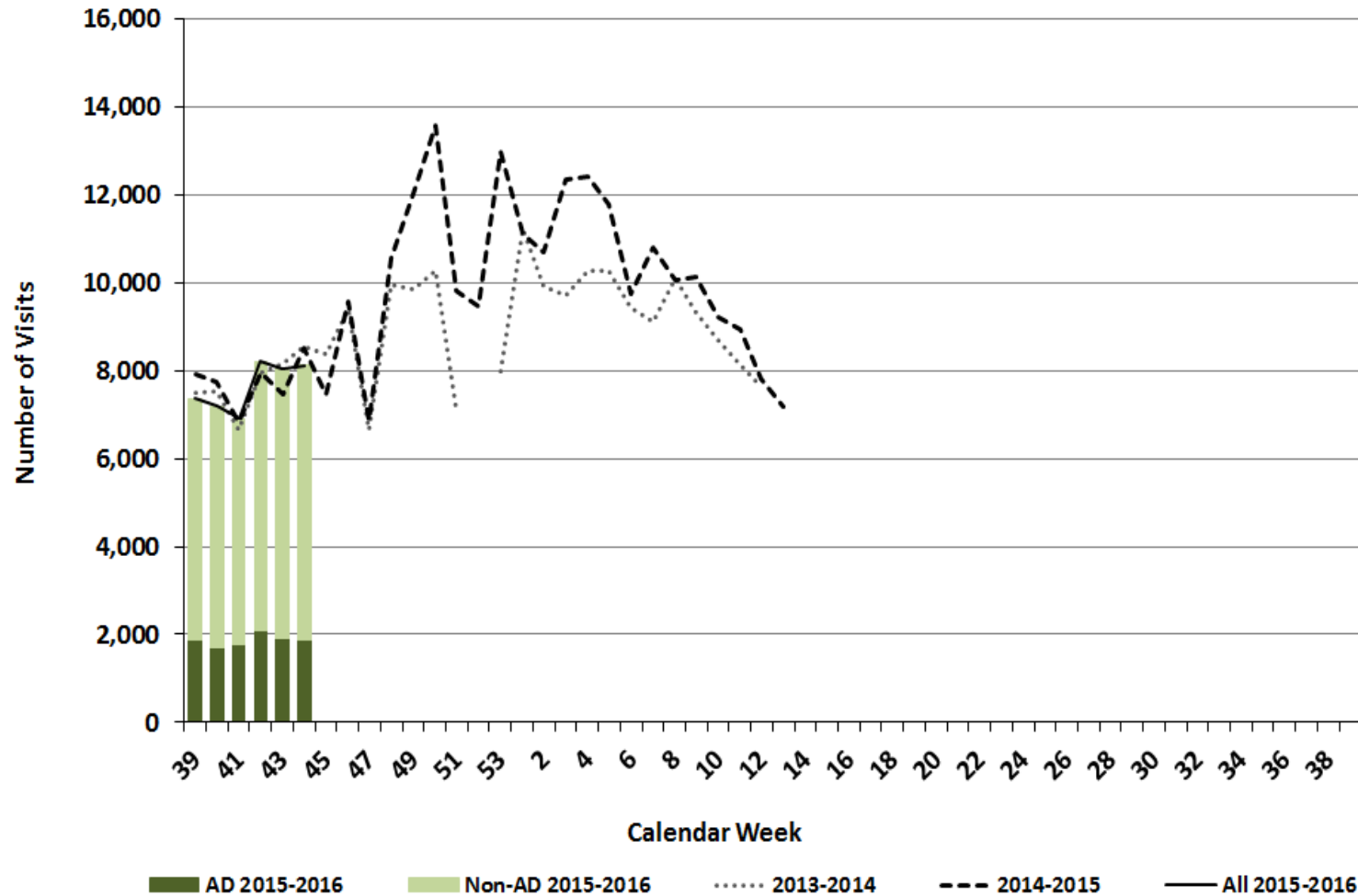
A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Percentage of Visits for Influenza-like Illness (ILI) Reported by
the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet),
Weekly National Summary, 2015-16 and Selected Previous Seasons



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2013-2016

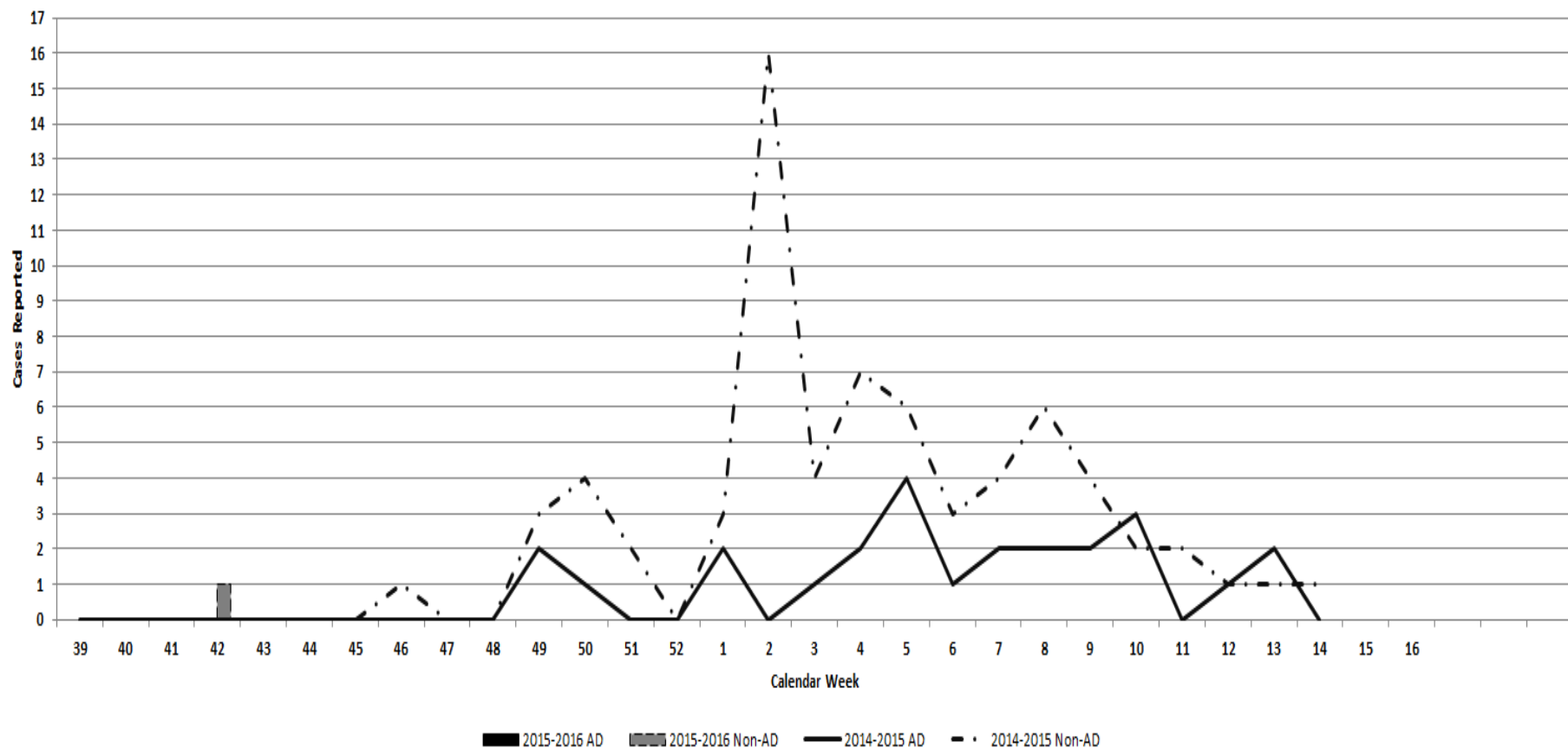


Clinic visits for ILI are obtained from ESSENCE. Data as of 12 November 2015.

Army MTF Laboratory Results, 2015-16

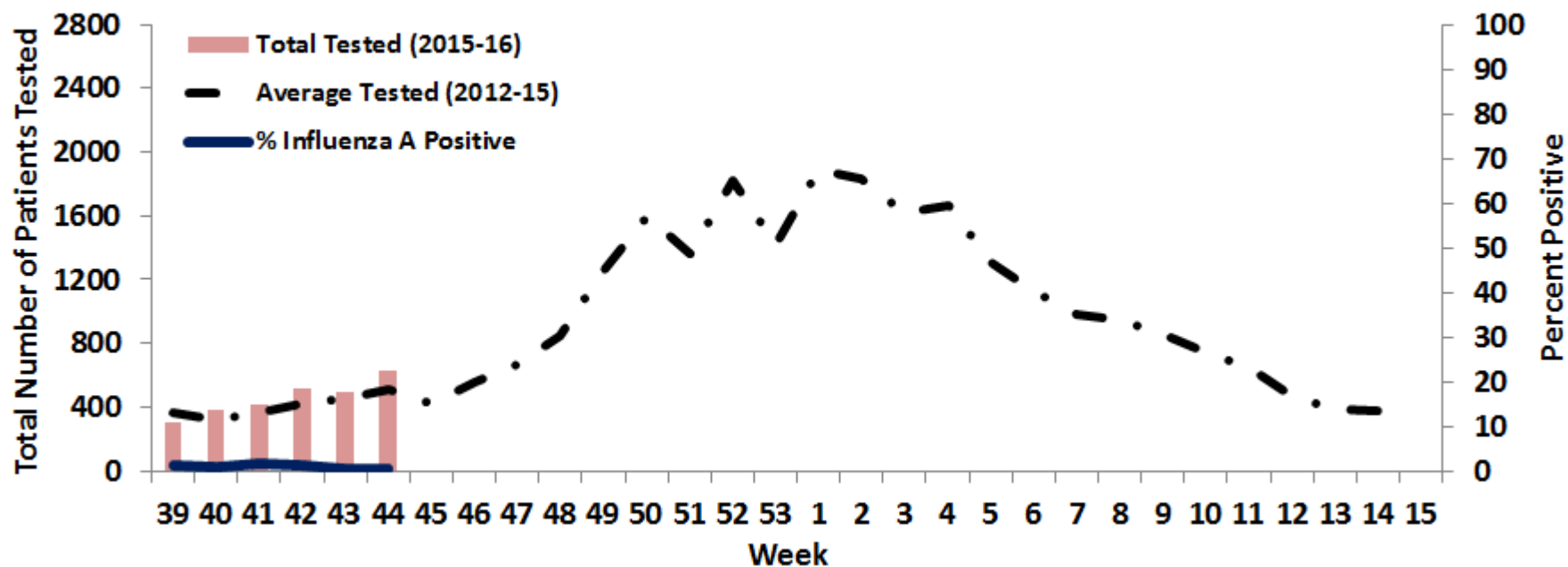
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Parainfluenza	12	14	16	22	90
RSV	19	29	42	36	185
<i>Negative</i>	452	554	540	679	2965
Total Results	499	610	608	754	3316

Army Influenza Cases Reported in DRSi by Week of Symptom Onset

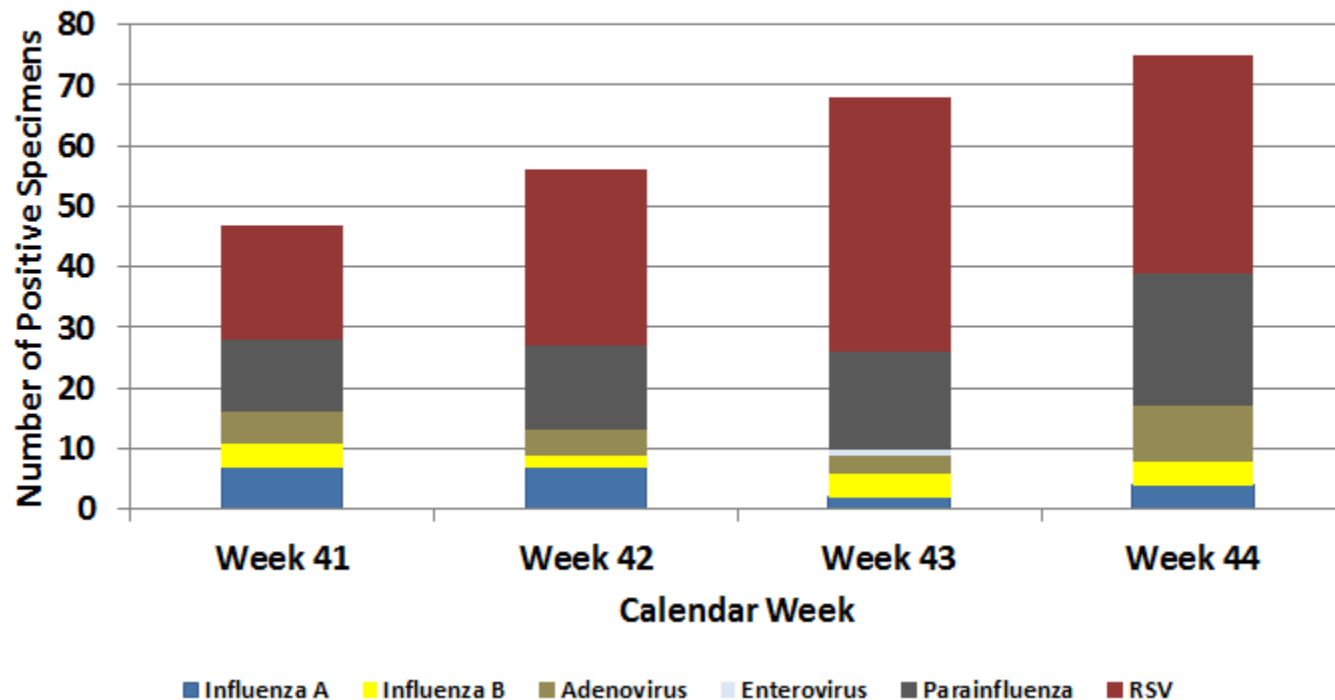


Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information
Data as of 12 November 2015.

Proportion of Positive Influenza A Specimens for U.S. Army 2015-2016



Positive Respiratory Specimen Results from Army MTFs by Virus, 2015-2016 Influenza Season



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 39		Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	0	0	0	0	0	1	0	1	0	2	0	3				
RHC-C	2	0	1	1	0	2	0	1	0	0	1	0				
WRMC	0	2	0	0	0	0	0	0	0	0	0	0				
RHC-E	0	0	0	0	0	1	0	1	0	0	0	0				
RHC-P	0	0	0	1	0	3	1	3	0	0	0	0				
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0				